|              | Index of Claims |               |               |             |               |           |           |   |           |          |                 |   |          |             | ica      | tio | n/C      | Con                 | itro     | ۱N          | No.          |            |           | Applicant(s)/Patent und |          |          |          |               |          |           |          | der       |          |           |            |           |             |
|--------------|-----------------|---------------|---------------|-------------|---------------|-----------|-----------|---|-----------|----------|-----------------|---|----------|-------------|----------|-----|----------|---------------------|----------|-------------|--------------|------------|-----------|-------------------------|----------|----------|----------|---------------|----------|-----------|----------|-----------|----------|-----------|------------|-----------|-------------|
|              |                 |               |               | , <u></u> , | -/\<br>       |           |           |   | ,<br>   1 |          |                 |   |          |             |          |     | 41       | 10/797,861          |          |             |              |            |           |                         |          |          |          |               |          |           |          |           |          |           |            | _         |             |
|              |                 |               |               |             |               | Ш         |           |   |           |          |                 |   |          |             |          | ŀ   |          | Examiner            |          |             |              |            |           |                         |          |          |          | KRAJEWSKI, PA |          |           |          |           |          | $\Gamma$  | , <u> </u> | <u>C.</u> |             |
|              |                 |               |               |             |               |           |           |   |           |          |                 |   |          |             |          |     |          |                     |          |             |              |            |           |                         |          |          |          |               |          |           |          |           |          |           |            |           |             |
|              |                 |               |               |             |               |           |           |   |           |          |                 |   |          |             |          |     | To       | Teresa M. Bonk      |          |             |              |            |           |                         |          |          |          | 3725          |          |           |          |           |          |           |            |           | <del></del> |
|              |                 |               | $\overline{}$ | <u> </u>    |               |           | _         |   | ſ         | -1       | Γ.              |   |          |             |          |     | - 1)     | $\neg$              | ſ        | $\neg$      |              |            |           |                         |          |          |          |               |          |           |          |           |          |           |            |           |             |
| √ Rejected — |                 |               |               |             |               |           |           |   |           |          | (Through numera |   |          |             |          |     |          | '''   <sub> N</sub> |          |             |              | Non-Electe |           |                         |          |          | A        | Appeal        |          |           |          |           |          |           |            |           |             |
|              |                 |               | -             | +           |               |           |           | 1 |           | _        |                 |   |          |             |          |     | ŀ        | $\dashv$            |          |             |              | _          |           |                         | $\vdash$ |          |          |               |          |           | $\dashv$ |           |          |           |            |           |             |
|              |                 |               |               |             |               | = Allowed |           |   |           | ÷        | Restricted      |   |          |             |          | t   |          |                     |          | 1           | Interference |            |           | се                      |          |          | Objected |               |          |           |          |           |          |           |            |           |             |
|              |                 |               |               | _           |               |           |           |   | ١         |          | <u> </u>        |   |          |             |          |     |          |                     |          |             | _            |            |           |                         |          |          |          |               |          |           |          |           |          | _         |            |           |             |
|              | Cla             | im            |               | _6          |               | -         |           |   |           |          | Claim           |   | _        | Dat         |          | ate |          |                     |          | -           | Cla          | Claim      |           | Date                    |          |          |          |               |          | 4         |          |           |          |           |            |           |             |
|              | a               | inal          | 50%           | 90/61/9     |               |           |           |   |           |          |                 |   | a        | inal        |          |     |          |                     |          |             |              |            | İ         |                         | ā        | Original | 1        |               |          | Ì         |          |           |          |           | 1          |           |             |
|              | Final           | Original      | 12/18         | 11/6        |               |           |           |   |           |          |                 |   | Final    | Original    |          |     |          |                     |          |             |              | ŀ          |           | ļ                       | Final    | Orig     |          |               |          | ļ         |          |           |          |           |            |           |             |
| -            |                 | 1             | 1             | 7           |               | $\dashv$  |           | _ |           |          |                 |   |          |             |          | _   |          | _                   | _        | _           | 4            | +          | $\dashv$  | -                       |          |          | $\vdash$ |               | 4        | -         | 4        | $\dashv$  | +        | +         | $\dashv$   |           |             |
| ļ            |                 | 2             | V             |             |               | $\dashv$  | $\dashv$  |   |           |          |                 |   |          |             |          |     |          | ᅥ                   | 寸        | $\exists$   | 7            | $\forall$  | $\dashv$  | ŀ                       |          |          | Н        | $\dashv$      | $\dashv$ | 十         | +        | +         | $\dashv$ | +         | $\exists$  |           |             |
|              |                 | 3             |               |             |               |           |           |   |           |          |                 |   |          |             |          |     |          |                     |          | $\Box$      | $\Box$       | 4          |           |                         |          |          |          | $\Box$        | 4        | $\exists$ | $\dashv$ | $\Box$    | $\perp$  | $\perp$   | $\Box$     |           |             |
| ŀ            |                 | <u>4</u><br>5 | 1             |             | -             | -         | -         | - |           |          |                 |   |          |             |          |     |          | $\dashv$            | $\dashv$ | $\dashv$    | +            | ┥          | $\dashv$  | ŀ                       |          |          |          | $\dashv$      | +        | $\dashv$  | +        | +         | +        | +         | $\dashv$   |           |             |
| į            |                 | 6             | 1             |             |               |           |           |   |           |          |                 |   |          |             |          |     |          |                     |          |             |              |            |           | t                       |          |          |          |               | ╛        |           |          | 1         |          | 土         | I.         |           |             |
| [            |                 | 7             | 1             |             |               |           | $\dashv$  | _ |           |          |                 |   |          |             |          |     |          |                     | _        | _           | _            | _          | _         | -                       |          |          | Н        | 4             | 4        | $\dashv$  | 4        | 4         | 4        | 4         | _          |           |             |
| }            |                 | <u>8</u><br>9 |               | <b>V</b>    |               | $\dashv$  | $\dashv$  | _ | _         | _        | $\vdash$        |   |          |             |          |     |          | $\dashv$            |          | -           | $\dashv$     |            | $\dashv$  | }                       |          |          | Н        | -             | $\dashv$ | ┥         | +        | $\dashv$  | ╁        | ╬         | $\dashv$   |           |             |
|              |                 | 10            | 1             | 1           |               |           |           |   |           |          |                 | 1 |          |             |          |     |          |                     |          |             |              |            | $\Box$    | į                       |          |          |          |               | 1        |           |          |           |          |           |            |           |             |
| }            |                 | 11<br>12      | 1             | マフ          |               | -         | _         |   |           |          | _               |   |          | <u> </u>    |          |     |          | _                   | -        | $\dashv$    | $\dashv$     | 4          | 4         | -                       |          |          | $\sqcup$ | $\dashv$      | $\dashv$ | -         | $\dashv$ | -         |          | +         | 4          |           |             |
| }            |                 | 13            | V             | 7           |               | -         |           |   |           | _        |                 |   |          |             |          |     | $\vdash$ | $\dashv$            | +        | $\dashv$    | $\dashv$     | $\dashv$   | $\dashv$  | ł                       |          |          | $\vdash$ | $\dashv$      | $\dashv$ | $\dashv$  | $\dashv$ | ╅         |          | +         | ┪          |           |             |
|              |                 | 14            | V             | 1           |               |           |           |   |           |          |                 |   |          |             |          |     |          |                     |          |             |              | 1          |           |                         |          |          |          | $\Box$        | 1        | 1         | 1        |           |          |           |            |           |             |
|              | 1               |               | <del> </del>  |             |               | _         |           |   | -         |          | _               |   |          | <u> </u>    |          |     |          | $\dashv$            | -        | $\dashv$    | $\dashv$     | $\dashv$   | $\dashv$  | ŀ                       |          |          |          | -             | +        | $\dashv$  | $\dashv$ | $\dashv$  |          | +         | $\dashv$   |           |             |
|              |                 |               |               |             |               |           |           |   |           |          |                 |   |          |             |          |     |          |                     |          |             | $\exists$    | $\exists$  |           | l                       |          |          |          |               | j        |           |          | 1         |          | 士         |            |           |             |
|              |                 |               | _             | Ш           |               |           |           |   | Ц         |          |                 |   |          | ļ           |          | _   | _        | _                   | -        | _           |              | _          | 4         | -                       |          |          | Н        |               | _        | 4         | _        | 4         | _        | +         |            |           |             |
|              |                 |               | <u> </u>      | Н           |               | $\dashv$  | $\dashv$  |   | H         |          | H               |   | <u> </u> | <del></del> |          |     |          |                     | $\dashv$ |             | $\dashv$     | $\dashv$   | $\dashv$  | ł                       |          |          | Н        | $\dashv$      | $\dashv$ | $\dashv$  | $\dashv$ | $\dashv$  | $\dashv$ | +         | $\dashv$   |           |             |
|              |                 |               |               |             |               |           |           |   |           |          |                 |   |          |             |          |     |          |                     |          |             |              |            |           |                         |          |          |          |               |          |           | $\Box$   | $\Box$    |          | 1         |            |           |             |
| •            |                 |               | ⊢             | Н           | _             | _         |           |   | -         |          |                 |   | <u> </u> |             | $\vdash$ |     | _        | $\dashv$            | $\dashv$ | $\dashv$    | -            | $\dashv$   | -         | ŀ                       |          |          | $\vdash$ | $\dashv$      | $\dashv$ | +         | $\dashv$ | $\dashv$  | -        | +         | -          |           |             |
|              |                 |               |               |             | _             |           |           | _ |           |          |                 |   |          |             |          |     |          |                     |          | $\exists$   |              | $\exists$  |           | t                       |          |          |          |               |          |           |          | $\exists$ |          |           |            |           |             |
|              |                 |               |               |             |               |           |           |   |           |          |                 |   |          |             |          |     |          |                     | 4        | 4           |              | $\dashv$   |           |                         |          |          |          | _             | _        | $\Box$    | 4        | $\dashv$  | 4        | _         | _          |           |             |
| •            |                 |               | ┝             | -           |               | _         | -         |   |           |          | -               |   |          |             | H        |     |          |                     | $\dashv$ | $\dashv$    | _            | $\dashv$   | $\dashv$  | ł                       |          |          | $\vdash$ |               | $\dashv$ | ┪         | $\dashv$ | +         | +        | +         | $\dashv$   |           |             |
| ļ            |                 |               |               |             |               |           |           | _ |           |          |                 | ĺ |          |             |          |     |          |                     |          |             |              |            |           |                         |          |          |          |               |          |           |          |           |          |           |            |           |             |
| }            |                 |               | ┡             | $\vdash$    | Н             |           | $\vdash$  |   |           |          |                 |   |          |             |          |     | Ш        |                     |          | 4           | $\dashv$     | 4          | $\dashv$  | ŀ                       |          |          | $\vdash$ | -             | $\dashv$ | -         | 4        | $\dashv$  | $\dashv$ | +         | 4          |           |             |
| }            |                 |               |               |             |               |           |           |   |           |          |                 |   |          |             |          |     |          |                     | _        | -           | +            | +          | $\dashv$  | ł                       |          |          |          | -             | +        | -         | ᆉ        | -         | $\dashv$ | $\dagger$ | ┥          |           |             |
| ļ            |                 |               |               |             |               |           |           |   |           |          |                 |   |          |             |          |     |          |                     | $\Box$   | ⇉           |              | $\Box$     |           |                         |          |          | П        |               | $\Box$   | $\Box$    |          |           |          | $\perp$   |            |           |             |
| }            |                 |               | -             | _           |               |           |           |   |           |          |                 |   |          |             |          |     |          |                     | $\dashv$ | $\dashv$    | $\dashv$     | $\dashv$   | $\dashv$  | -                       |          |          | $\vdash$ | $\dashv$      | $\dashv$ | $\dashv$  | $\dashv$ | -         | -        | +         | -          |           |             |
| }            |                 |               |               | H           |               |           |           |   | H         |          | $\vdash$        |   |          |             |          |     |          |                     | $\dashv$ | $\dashv$    | $\dashv$     |            | $\dashv$  | Ì                       |          |          | $\vdash$ |               | $\dashv$ | $\dashv$  | $\dashv$ |           | 十        | $\dagger$ | ┪          |           |             |
| [            |                 |               |               |             |               |           |           |   |           |          |                 |   |          |             |          | _   |          |                     | _        |             | $\Box$       | $\exists$  | $\Box$    |                         |          |          |          |               |          | 4         | _        |           |          | 4         |            |           |             |
| }            |                 |               | -             | -           |               | -         | Н         |   | -         |          | -               |   |          |             |          |     |          |                     | $\dashv$ | $\dashv$    | +            | $\dashv$   | $\dashv$  | ł                       |          |          | $\vdash$ | $\vdash$      | $\dashv$ | $\dashv$  | $\dashv$ | _         | $\dashv$ | ╫         | $\dashv$   |           |             |
| l            |                 |               |               |             |               |           |           |   |           |          |                 | 1 |          |             |          |     |          |                     |          |             |              |            | $\exists$ | Ì                       |          |          |          |               |          |           |          |           | $\Box$   | 士         |            |           |             |
|              |                 | _             | $\vdash$      | <u> </u>    | $\vdash \mid$ |           | $\square$ |   | $\square$ |          | <u> </u>        | ł | <u> </u> | ļ           |          | _   |          | _                   | _        |             | $\dashv$     | $\dashv$   | $\dashv$  |                         |          |          |          | _             | 4        | _[        | _        |           | -        | $\perp$   | 4          |           |             |
| }            |                 | <u> </u>      | <del> </del>  | -           | $\vdash$      | H         |           | H | $\vdash$  | $\vdash$ | -               | 1 |          |             | -        | -   | -        | $\dashv$            | $\dashv$ | $\dashv$    | $\dashv$     | +          | $\dashv$  | ł                       |          |          | $\vdash$ | $\dashv$      | +        | $\dashv$  | +        | $\dashv$  | +        | +         | $\dashv$   |           |             |
| ļ            |                 |               |               |             |               |           |           |   |           |          |                 | ] |          |             |          |     |          |                     |          | $\sqsupset$ | $\exists$    | $\Box$     | $\Box$    | Ì                       |          |          |          | $\Box$        |          |           |          |           | 1        | Ţ         |            |           |             |
|              |                 | <u> </u>      | ₽             |             | Ш             |           | Н         |   | Н         |          | <u> </u>        | 1 | <u> </u> |             | <u> </u> |     |          | Ш                   |          | _           | -            | _          | 4         |                         |          |          | ↓_       | -             |          |           | _        | _         | _        | +         | 4          |           |             |